



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **11311369 A**(43) Date of publication of application: **09.11.99**

(51) Int. Cl.

**F16L 1/00****E03F 3/04****F16L 3/00****H02G 1/06****H02G 9/06**(21) Application number: **10117692**(22) Date of filing: **28.04.98**(71) Applicant: **SEKISUI CHEM CO LTD KUBOTA CORP**(72) Inventor: **ISHIYASU TOSHIYUKI  
HANAKAWA YORI  
NAKANISHI YOSHIHIKO**(54) **SHEATH PIPE SUPPORT TOOL AND SUPPORT  
STRUCTURE OF SHEATH PIPE**

COPYRIGHT: (C)1999,JPO

(57) Abstract:

**PROBLEM TO BE SOLVED:** To support a cable in a small occupied area in a sewer and to improve workability at a working site.

**SOLUTION:** A plural number of through holes 11c are provided on an upper part of a sewer passage 10 with proper intervals and a sheath pipe support tool 20 is installed in each of the through holes 11c in this support structure. The sheath pipe support tool 20 has a support plate 21 supported on an upper part outer peripheral surface of the sewer passage 10, and a bracket 23 installed on the support plate 21 is projected within the upper part of the sewer passage 10 through the through hole 11c. The bracket 23 is in a ring shape so that a sheath pipe 30 arranged along the pipe axial direction of the sewer passage 10 can be inserted into it. An optical fiber cable 40 is inserted into the inside of the sheath pipe 30 supported by the sheath pipe support tool 20.

